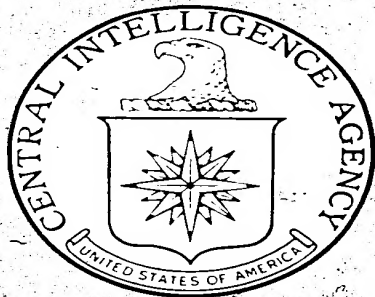


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PHOTOGRAPHIC INTELLIGENCE REPORT

KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

Declass Review by NIMA/DOD

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GROUP 1
Excluded from automatic
downgrading and declassification

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KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

The Konstantinovskiy Petroleum Refinery is located 3/4 nautical mile southeast of the center of the town of Konstantinovskiy, USSR and 14 nautical miles northwest of Yaroslavl on the west bank of the Volga River (Figure 2). Approximate geographic coordinates for the center of the refinery are 57 49 25N - 39 37 28E and its orientation is north northwest/south southeast.

The refinery is irregular in shape with maximum dimensions of 6,000 feet by 3,300 feet. It is served by road, rail and river barges and the distribution of finished products is probably effected in the same manner. The basic refining area has not changed greatly since [REDACTED] see Figures 3 and 5.

25X1D

25X1D

Examination of all available photographic coverage from [REDACTED] indicates that the refinery was active during this period. Steam or smoke can be seen coming from refining units. In addition the physical changes in the waste water discharge (Figure 5, Item 10), from the refinery can be noted on all the photographic coverage.

The limits of and the various sections within the Konstantinovskiy Petroleum Refinery are shown on Figure 5.

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a. The annotations on Figure 5 correspond to the following discussion of facilities present at the refinery.

- (1) Probable water treatment area.
- (2) Probable lubricating oil area containing small and medium sized product storage tanks, processing/packaging buildings, pipe furnace and probable dewaxing unit, warehouse/maintenance type buildings. Area is rail served.
- (3) Tank farm - probable shipping and receiving with pump house.
- (4) Heat and power plant.
- (5) Tank farm - probable crude and finished product storage.
- (6) Probable fractionating unit with associated support facilities.

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- (7) Possible processing area containing processing and warehouse type buildings, small processing tanks and suspect fractionation unit and pipe furnace.
- (8) Area of warehouse/maintenance type buildings and aggregate storage, rail served.
- (9) Probable processing area under construction containing small processing type storage tanks, construction material, aggregate storage, repair shops/warehousing and extending a steam line from the heat and power plant into the area.
- (10) Water treatment area.
- (11) Docking facilities

25X1D

b. Construction activity and changes at the refinery during the period [REDACTED] include the following (annotation numbers refer to Figure 5):

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- (1) Construction of six large storage tanks in Annotation 5 between [REDACTED]
- (2) Construction of three warehouse/maintenance type buildings since [REDACTED] in Annotation 8.
- (3) Probable processing area under construction Annotation 9.

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All measurements have been made by the CIA/IAD/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

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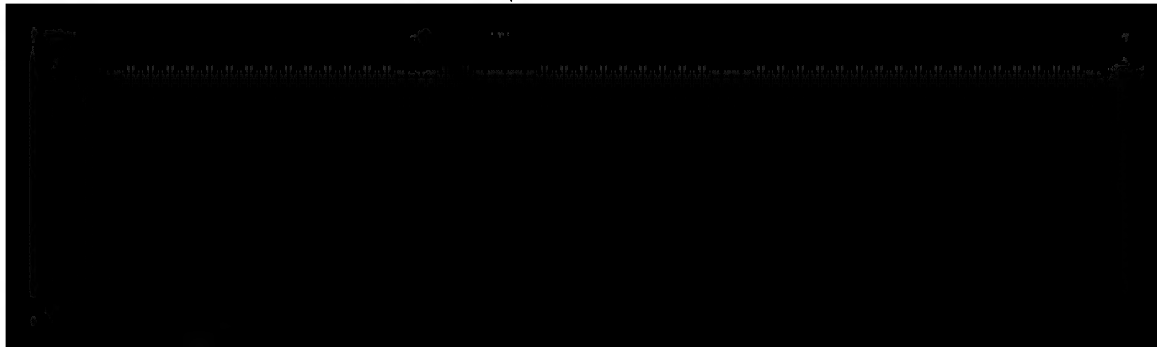
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REFERENCES

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MAPS OR CHARTS

General Locator Map, USSR (UNCLASSIFIED)
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REQUIREMENT

CIA. C-RR5-82,515

CIA/IAD PROJECT

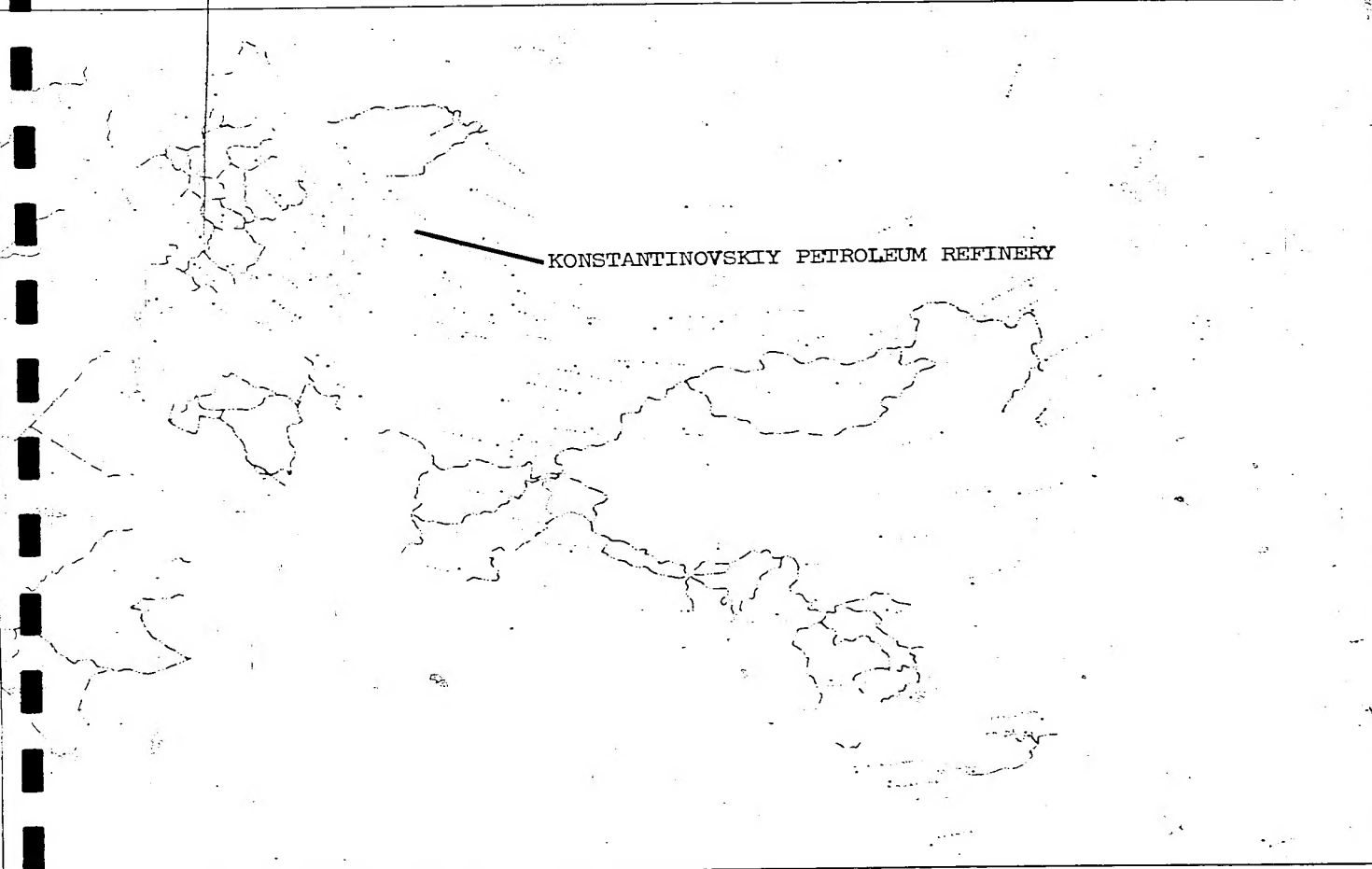
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FIGURE 1



KONSTANTINOVSKIY PETROLEUM REFINERY

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FIGURE 2

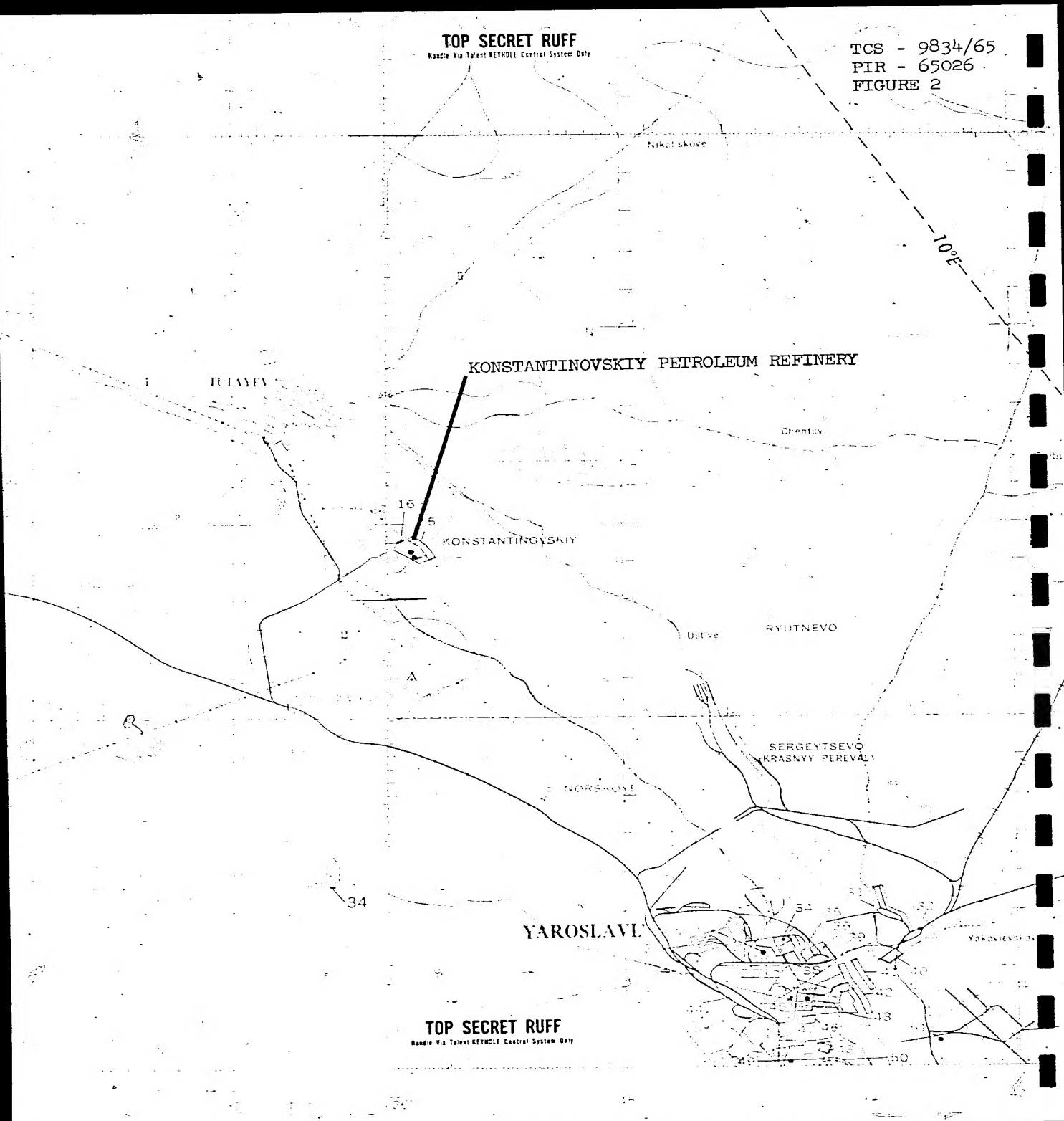
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FIGURE 3



KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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FIGURE 4

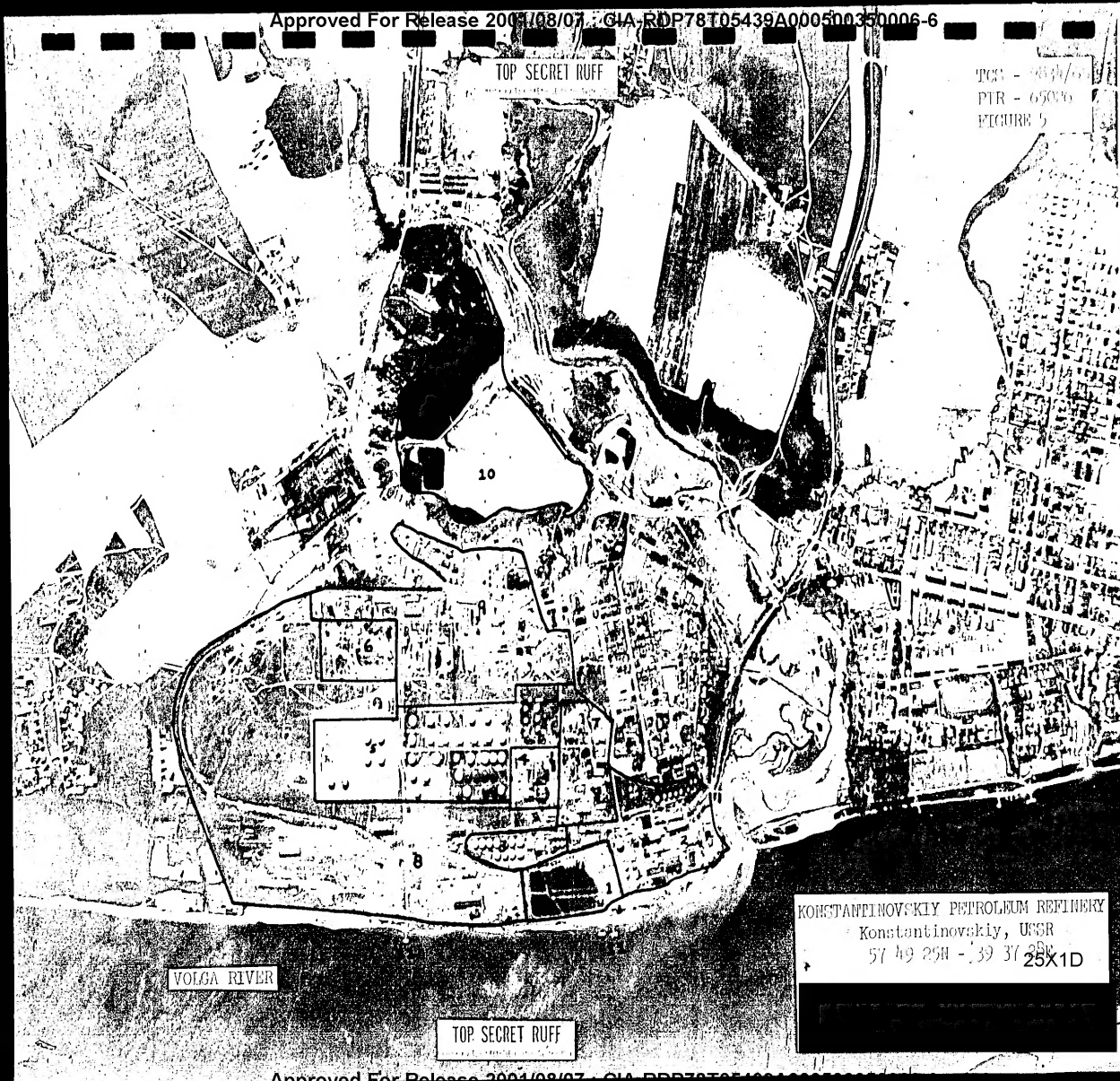


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KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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FIGURE 5

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FIGURE 6



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KONSTANTINOVSKIY PETROLEUM REFINERY

Konstantinovskiy, USSR

57 49 25N - 39 31 28E

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FIGURE 7

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KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

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